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10/668,563	09/23/2003	Wu Chou	503012-A-01-US (Chou)	3062

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Ryan, Mason & Lewis, LLP
90 Forest Avenue
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EXAMINER

CASCA, FRED A

ART UNIT	PAPER NUMBER
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2687

DATE MAILED: 07/28/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

10/668,563

Applicant(s)

CHOU ET AL.

Examiner

Fred A. Casca

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-20 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-20 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 14 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. ____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|--|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>11/10/03</u> . | 6) <input type="checkbox"/> Other: ____ |

DETAILED ACTION

Claim Rejections –35 U.S.C. 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, 9, 12, and 14-20 are rejected under 35 U.S.C. 102(e) as being anticipated by Bhogal et al., U.S. Patent No. 6,751,298 B2.

Referring to claim 1, Bhogal discloses a method for providing voice message notification and retrieval functionality for a mobile client device in a communication system (col. 1, lines 5-53, “voice mail messages”), the method comprising the step of generating push content deliverable from a server to the mobile client device over a wireless network, wherein the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system (col. 1, lines 5 through col. 2, line 11, “notification”, note that a voice mail notification is sent to the subscriber, and notification is sent by the cellular network, hence push content deliverable from a server to the mobile client device over a wireless network is generated, where the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system), wherein a connection between the mobile client device and the voice messaging system is initiatable from the mobile client device, responsive to the push content, for retrieval of the at least one received voice

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message (col. 1, lines 5 through col. 2, line 11, "pushing of a button", "the stored message is played back", note that the user can initiate getting his/her calls by pressing a push button)

Referring to claim 2, Bhogal discloses the method of claim 1 wherein the push content is generated in the server responsive to information received in the server from an enterprise application (col. 1, lines 5 through col. 2, line 11, note that an enterprise network is a network or interconnected networks of computer systems which fills the computing needs for a purpose, hence the push content is generated in the server responsive to information received in the server from an enterprise application).

Referring to claim 9, Bhogal discloses the method of claim 1 wherein the server comprises a wireless secure server (col. 1, lines 5 through col. 2, line 11, "cellular telephone network").

Referring to claim 12, Bhogal discloses the method of claim 1, wherein the push content comprises at least one link which when activated at the mobile client device initiates a connection between the mobile client device and the voice messaging system (col. 1, lines 5 through col. 2, line 11, "pushing of a button on the control pad of the telephone", "message is played back").

Referring to claim 14, Bhogal discloses the method of claim 1 wherein the connection between the mobile client device and the voice messaging system is

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initiatable from the mobile client device utilizing a single-key operation (col. 1, lines 5 through col. 2, line 11).

Referring to claim 15, Bhogal discloses the method of claim 1 wherein the push content is generated in the form of a service indication (SI) including at least one notification message and at least one corresponding link which when activated provides access to the voice messaging system from the mobile client device (col. 1, lines 5 through col. 2, line 11).

Referring to claim 16, Bhogal discloses the method of claim 1 wherein the at least one received voice message comprises a plurality of received voice messages, the push content comprising a notification of each of the plurality of received voice messages (col. 1, lines 5 through col. 2, line 11).

Referring to claim 17, Bhogal discloses the method of claim 16 wherein at least one of the plurality of received voice messages is associated with a first voice mailbox of the voice messaging system and one or more of the remaining received voice messages are associated with one or more other voice mailboxes of the voice messaging system (col. 1, lines 5 through col. 2, line 11).

Referring to claim 18, Bhogal discloses the method of claim 16 wherein at least one of the plurality of received voice messages is associated with a first voice messaging system and one or more of the remaining received voice messages are associated with a

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second voice messaging system different than the first voice messaging system (col. 1, lines 5 through col. 2, line 11).

Referring to claim 19, Bhogal discloses an apparatus for use in providing voice message notification and retrieval functionality for a mobile client device in a communication system (col. 1, lines 5 through col. 2, line 11, “voice mail message”, “notification”, “retrieval”), the apparatus comprising a server having a processor coupled to a memory (col. 1, lines 5 through col. 2, line 11, note that messages are saved and delivered in a cellular communication system, hence a server having a processor is coupled to a memory), the server being operative to generate push content deliverable to the mobile client device over a wireless network, wherein the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system (col. 1, lines 5 through col. 2, line 11, “notification”, note that a voice mail notification is sent to the subscriber, and notification is sent by the cellular network, hence push content deliverable from a server to the mobile client device over a wireless network is generated, where the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system), wherein a connection between the mobile client device and the voice messaging system is initiatable from the mobile client device, responsive to the push content, for retrieval of the at least one received voice message (col. 1, lines 5 through col. 2, line 11, “pushing of a button”, “the stored message is played back”, note that the user can initiate getting his/her calls by pressing a push button).

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Referring to claim 20, Bhogal discloses an article of manufacture comprising a machine-readable storage medium (col. 1, lines 5 through col. 2, line 11, “a cellular telephone network”, “messages”) containing software code for use in providing voice message notification and retrieval functionality for a mobile client device in a communication system (col. 1, lines 5 through col. 2, line 11, “notification”, “retrieval”, note that notification of messages are sent to the mobile client and retrieved by the mobile client, hence a software code is used to provide notification and retrieval), wherein the software code when executed implements the step of generating push content deliverable from a server to the mobile client device over a wireless network, wherein the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system (col. 1, lines 5 through col. 2, line 11, “notification”, note that a voice mail notification is sent to the subscriber, and notification is sent by the cellular network, hence push content deliverable from a server to the mobile client device over a wireless network is generated, wherein the push content comprises a notification of at least one voice message received for a corresponding user in a voice messaging system, and this process is inherently executed by the software code), wherein a connection between the mobile client device and the voice messaging system is initiatable from the mobile client device, responsive to the push content, for retrieval of the at least one received voice message (col. 1, lines 5 through col. 2, line 11, “pushing of a button”, “the stored message is played back”, note that the user can initiate getting his/her calls by pressing a push button and this process is inherently executed by the software code).

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 3-5, and 7-8 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bhogal et al., U.S. Patent No. 6,751,298 B2, in view of Vaudreuil, U.S. Patent No. 6,307, 931 B1.

Referring to claim 3, Bhogal discloses the method of claim 2.

Additionally, Bhogal, in a different embodiment, discloses that the voice mail server is connected to the Internet (which comprises multimedia servers) through a cellular network (FIG. 1).

However, Bhogal does not specifically disclose the enterprise application comprises an enterprise multimedia communication server.

Vaudreuil discloses that an enterprise application comprises an enterprise multimedia communication server (col. 1, lines 55-65, and col. 6, lines 55 through col. 7, line 2, "multimedia capabilities", "Multimedia Communications").

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Bhogal by providing the enterprise application of Bhogal to comprise an enterprise multimedia communication server, as suggested by Vaudreuil, motivation being for the purpose of allowing the users to have more beneficial and informative communications.

Referring to claim 4, the combination of Bhogal/Vaudreuil disclose the method of claim 3.

Bhogal does not specifically disclose the voice messaging system is coupled between the enterprise multimedia communication server and a private branch exchange element of the system.

Vaundreuil discloses that the voice messaging system is coupled between the enterprise multimedia communication server and a private branch exchange element of the system (FIG. 3, and col. 6, lines 55 through col. 7, line 2).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of claim 3 by providing the voice messaging system to be coupled between the enterprise multimedia communication server and a private branch exchange element of the system, as suggested by Vaundreuil, motivation being for the purpose of providing an efficient communication system.

Referring to claim 5, the combination of Bhogal/Vaudreuil disclose the method of claim 3.

Bhogal does not disclose the voice messaging system upon receipt of the voice message generates an outgoing call to the private branch exchange element, the outgoing call comprising routing information and user identification information, the user identification information identifying the user corresponding to the received voice message.

Vaudreuil discloses the voice messaging system upon receipt of the voice message generates an outgoing call to the private branch exchange element, the outgoing call comprising routing information and user identification information, the user identification information identifying the user corresponding to the received voice message (FIG. 3, and col. 6, lines 55 through col. 7, line 2, note that the VMS is connected to the communication devices through the PBX, hence the VMS generates calls to the private branch exchange for delivery to the communication devices, and inherently the outgoing calls comprise routing information and user identification information, the user identification information identifying the user corresponding to the received voice message).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of claim 3 by providing the voice messaging system to generates an outgoing call to the private branch exchange element upon receipt of the voice message, the outgoing call comprising routing information and user identification information, the user identification information identifying the user corresponding to the received voice message, motivation being for the purpose of providing an efficient communication system.

Referring to claim 7, the combination of Bhogal/Vaudreuil disclose the method of claim 4.

Bhogal does not disclose at least a subset of the voice messaging system, the enterprise multimedia communication server and the private branch exchange element comprise elements of a communication system switch.

Vaundreuil discloses that at least a subset of the voice messaging system, the enterprise multimedia communication server and the private branch exchange element comprise elements of a communication system switch (Vaundreuil, FIGS 3-4, and col. 6, lines 55 through col. 7, line 2, note that the PBX, VMS and the network server are combined together to act as unit and hence at least a subset of each element comprise elements of a switch).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of claim 4 by providing at least a subset of the voice messaging system, the enterprise multimedia communication server and the private branch exchange element to comprise the elements of a communication system switch, as suggested by Vaundreuil, motivation being for the purpose of providing an efficient communication system.

Referring to claim 8, Bhogal discloses the method of claim 1.

Bhogal does not specifically disclose the server comprises an enterprise multimedia communication server.

Vaundreuil discloses that the server comprises an enterprise multimedia communication server (FIGS. 3-4, and col. 6, lines 55 through col. 7, line 2, "INTERNET", "NETWORK SERVER").

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Bhogal by providing the server to comprise an enterprise multimedia communication server, as suggested by Vaundreuil, motivation being for the purpose of providing a robust and efficient communication system.

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5. Claim 10 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bhogal et al., U.S. Patent No. 6,751,298 B2, in view of Korall et al., U.S. Pub. No. 2004/0088715 A1.

Referring to claim 10, Bhogal discloses the method of claim 9.

Bhogal does not specifically disclose the wireless secure server communicates with the mobile client device utilizing wireless application protocol (WAP).

Korall discloses the wireless secure server communicates with the mobile client device utilizing wireless application protocol (WAP) (paragraph 0028, "wireless application protocol").

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Bhogal by providing the wireless secure server to communicate with the mobile client device utilizing wireless application protocol (WAP), as suggested by Korall, motivation being to provide a secure wireless communications.

6. Claim 11 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bhogal et al., U.S. Patent No. 6,751,298 B2, in view of Zellner et al., U.S. Patent No. 6,738, 808 B1.

Referring to claim 11, Bhogal discloses the method of claim 9.

Bhogal does not disclose the push content is deliverable from the wireless secure server to the mobile client device via a series connection of a push initiator and a push proxy gateway.

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Zellner discloses that in the push implementation a proxy server monitors wireless handheld devices that are powered on, where the initial powering up of a wireless device provides the proxy server with location and identity information. Zellner further discloses that a proxy server can continually monitor for devices that enter a location to which a content provider wants to push content messages. Zellner also teaches that a push initiator (push provider) is connected to a push proxy gateway (proxy server) via a series of connections (FIG. 1, and col. 9, lines 52-67).

It would have been obvious to one of the ordinary skill in the art at time of the invention to modify the system of Bhogal by providing a proxy gateway such that the push content is deliverable from the wireless secure server to the mobile client device via a series connection of a push initiator and a push proxy gateway, as suggested by Zellner, motivation being to provide an efficient messaging system that keeps track of location information of wireless devices.

7. Claim 13 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bhogal et al., U.S. Patent No. 6,751,298 B2, in view of Peters et al., U.S. Patent No. 6,842,622 B2.

Referring to claim 13, Bhogal discloses the method of claim 12.

Bhogal does not disclose at least one link comprises a live telephone link specifying at least a telephone number of the voice messaging system.

Peters discloses that at least one link comprises a live telephone link specifying at least a telephone number of the voice messaging system (Abstract, and col. 1, line 5 through col. 2, line 14).

It would have been obvious to one of the ordinary skill in the art at the time of the invention to modify the system of Bhogal by providing at least one link to comprise a live

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telephone link specifying at least a telephone number of the voice messaging system, as suggested by Peters, motivation being to answer important calls as soon as possible.

8. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Bhogal et al., U.S. Patent No. 6,751,298 B2, in view of Vaudreuil, U.S. Patent No. 6,307, 931 B1, and further in view of Shaffer, U.S. Patent No. 5,905,776.

Referring to claim 6, the combination of Bhogal/Vaudreuil disclose the method of claim 5.

The combination of Bhogal/Vaudreuil does not disclose the outgoing call is processed in the private branch exchange element in a manner that results in a connection being established between the voice messaging system and the enterprise multimedia communication server, the user identification information thereby being made accessible to the enterprise multimedia communication server.

Shaffer discloses the PBX performs call processing functions which results in a connection being established between the voice messaging system and the enterprise multimedia communication server, the user identification information thereby being made accessible to the enterprise multimedia communication server (Abstract, col. 3, line 25 through col. 4, line 59, and col. 7, line 50 through col. 8, line 44, note that PBX performs call processing tasks, and multimedia information is delivered to the stations, hence, call processing functions results in a connection being established between the station and the enterprise multimedia communication server, the user identification information thereby being made accessible to the enterprise multimedia communication server).

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It would have been obvious to one of the ordinary skills in the art at time of the invention to modify the system of Bhogal/Vaudreuil by providing PBX to perform call processing functions to results in a connection being established between the voice messaging system and the enterprise multimedia communication server, the user identification information thereby being made accessible to the enterprise multimedia communication server, as suggested by Shaffer, motivation being for the purpose of providing an efficient voice mail system.

Conclusion

9. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Urs, U.S. Pub. No. 2004/0203940 A1 discloses a method and apparatus for message callback in a communication system.

10. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Fred A. Casca whose telephone number is (571) 272-7918. The examiner can normally be reached on Monday through Friday from 9 to 5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lester Kincaid, can be reached at (571) 272-7922. The fax phone number for the organization where this application or proceeding is assigned is (703) 872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).


7/25/05
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SUPERVISORY PRIMARY EXAMINER